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I. APPROVED BY

J. Hill

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17. PRICE GROUP

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CONTRACT DATA REQUIREMENTS LIST Form Approved (1 Data Item) OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E. A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY TDP OTHER_DESIGN_ D. SYSTEM/ITEM E. CONTRACT/PR NO. F. CONTRACTOR RO DESALINATION SYSTEM 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE COMMERCIAL DRAWINGS AND FINAL A010 ASSOCIATED LISTS 1,200 GPD RO SYSTEM 4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE DI-DRPR-813003A NSWCCD, Code 9232 7. DD 250 REQ 9. DIST STATEMENT 10. FREQUENCY 12. DATE OF FIRST SUBMISSION DISTRIBUTION DDSee Blk 16 REQUIRED ONE TIME 11, AS OF DATE 13. DATE OF SUBSEQUENT b. COPIES SUBMISSION a. ADDRESSEE Draft Final Α See Blk 16 See Blk 16 Reg Repro 16 REMARKS NSWCCD Code BLOCK 4: Drawings shall also be meet the requirements specified in the PPD. 9232 BLOCK 8: Review for technical content: Allow 21 calendar days for government review. Contractor shall incorporate all government comments and corrections and shall resubmit within 15 days of receipt of comments. Government review maybe tailored or deleted per any such aggreement made between the Government and the Contractor. BLOCK 9: Distribution Statement C Applies; Distribution authorized to U.S. Government agencies and their contractors for Administrative/Operational use. Other requests for this document shall be referred to the Government Contracting Officer. BLOCK 12: Final drawing package shall be provided within 140 days of contract award. BLOCK 13: All future drawing changes made after this drawing package have been approved must be documentented with an Engineering Change Notice and approved by the Government. BLOCK 6 and 14: Naval Surface Warfare Center, Carderock Division, Ship Systems Engineering Station, 5001 South Broad St, Code 9232, R.Steck, Philadelphia PA 19112-5083 BLOCK 14: The Contractor shall submit this requirement in digital format. The acceptable format for these engineering drawings are: C4 Navy CALS varient, Native CADD, or PDF. The Government will provide additional guidance at the PGC if requested.

DD FORM 1423-1, JUN 90

G. PREPARED BY

R. Steck

J. Hill
Previous editions are obsolete.

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Page 10 of 31 Pages

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CONTRACT DATA REQUIREMENTS LIST

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CONTRACT DATA REQUIREMENTS LIST Form Approved (1 Data Item) OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information. including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E. A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY TDP OTHER_TECHNICAL MANUALS D. SYSTEM/ITEM E. CONTRACT/PR NO. F. CONTRACTOR RO DESALINATION SYSTEM 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE COMMERCIAL OFF THE SHELF (COTS) A012 MANUAL AND ASSOCIATED SUPP DATA 1,200 GPD RO SYSTEM 4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE DI-TMSS-80527A NSWCCD, Code 9232 7. DD 250 REQ 9. DIST STATEMENT 10. FREQUENCY 12. DATE OF FIRST SUBMISSION DISTRIBUTION DDONE TIME See Blk 16 REQUIRED 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT b. COPIES SUBMISSION a. ADDRESSEE Α See Blk 16 See Blk 16 Reg Repro 16. REMARKS NSWCCD Code BLOCK 4: Manual content shall also be meet the requirements specified in the PPD. 9232 BLOCK 8: Review for technical content: Allow 21 calendar days for government review. Contractor shall incorporate all government comments and corrections and shall resubmit within 15 days of receipt of comments. Government review maybe tailored or deleted per any such aggreement made between the Government and the Contractor. BLOCK 9: Distribution Statement C Applies; Distribution authorized to U.S. Government agencies and their contractors for Administrative/Operational use. Other requests for this document shall be referred to the Government Contracting Officer. BLOCK 12: Manual Draft shall be provided within 80 days of contract award. BLOCK 13: Final manual submittal shall be provided within 140 days of contract award and incorporate any changes resulting from the testing and maintainability demonstration. All future changes to the manual made after the final manual has been approved must be documentented with an Engineering Change Notice and approved by the Government. BLOCK 6 and 14: Naval Surface Warfare Center, Carderock Division, Ship Systems Engineering Station, 5001 South Broad St, Code 9232, R.Steck, Philadelphia PA 19112-5083

R. Steck DD FORM 1423-1, JUN 90

G. PREPARED BY

J. Hill
Previous editions are obsolete.

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Page 12 of 31 Pages

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17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST

Form Approved OMB No. 0704-0188

(1 Data Item) OMB No. 0704-0188

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J. Hill

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31 Pages

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DD FORM 1423-1, JUN 90

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Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please Do NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

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A016	PROPOSED SE		PARTS LIST	Γ		RO SYSTEM			
4. AUTHORITY (Da DI-ILSS-801	ata Acquisition Documer 1 34A	nt No.)	5. CONTRACT	REFERENCE		6. REQUIRING OFFICE NSWCCD, Code S	9232		
7. DD 250 REQ	9. DIST STATEMENT			12. DATE OF FIRS	T SUBMISSION	14. DISTRIBUT	ION		
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A 16. REMARKS	See Blk 16	<u> </u>		See Blk 16				Reg	Repro
	Contractor shall pro	vide rec	nmended o	nhoard enare nar	te liet based on	NSWCCD Code 9232	1	1	4
		vide rec	on mended of	ilboard spare par	is list based on	0202			
a 4,500 hour op	erating period.							ļ	1
BLOCK 8: Revi	ew for technical con	ntent: All	ow 14 calend	lar days for gover	nment				
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shall resubmit w	rithin 15 days of rece	eipt of co	mments. Go	vernment review	maybe				
tailored or delete	d per any such aggre	ement m	ade between	the Government ar	nd				-
the Contractor.									
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BLOCK 12: Rec	ommended spare pa	rts list dra	aft shall be pro	ovided 180 days af	ter				
contract award.									
BLOCK 13: Fina	l spare parts list subi	mittal sha	all be provided	within 140 days of	f contract	-			
award and incorp	oorate any changes re	esulting f	rom the testing	g and maintainabili	ity		<u> </u>		
demonstration.									
BLOCK 6 and 14	: Naval Surface Wa	rfare Cen	ter, Carderocl	CDivision, Ship Sy	stems		_		-
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Philadelphia PA	19112-5083								-
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17.	PRICE GROUP
18.	ESTIMATED
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A. CONTRACT LIN	E ITEM NO.	B. EXHIE	BIT	C. CATEGORY						
D. SYSTEM/ITEM		<u> </u>	A E. CONTRACT	TDPTM	F. CONTRACTO	THER_FIRST ARTICLE TEST				
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1. DATA ITEM NO.	2. TITLE OF DATA ITE	M	•		3. SUBTITLE	101 F				17. PRICE GROUP
A017	TEST PROCED	URE			FIRST ART	RO SYSTEM				
4. AUTHORITY (Da	ata Acquisition Documer		5. CONTRACT	REFERENCE	1,,	6. REQUIRING OFFICE NSWCCD, Code 92	22			18. ESTIMATED
7. DD 250 REQ	9. DIST STATEMENT			12. DATE OF FIRST	T SUBMISSION	14. DISTRIBUTIO				TOTAL PRICE
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A 16. REMARKS	See Blk 16	<u> </u>		See Blk 16		NSWCCD Code	1	Reg 1	Repro	
	First Article Test Pro	ocedure	shall support	all unit inspection	s and tests	9232	'	'	'	
detailed in the P	PD that are not cove	ered in a	dedicated te	st plan or procedu	ıre.					
BLOCK 8: Revie	ew for technical con	itent: All	low 14 calend	lar days for gover	nment					
review.								ļ		
BLOCK 9: Distrib	oution Statement C A	pplies; D	istribution aut	horized to U.S. Go	vernment					
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	mit within 60 days of						-			
	ntractor shall incorpo							-		
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	: Naval Surface War			. , ,	stems					
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J. Hill

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of <u>31</u> Pages

R. Steck DD FORM 1423-1, JUN 90

CONTRACT DATA REQUIREMENTS LIST

Form Approved OMB No. 0704-0188

(1 Data Item)
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY										
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1. DATA ITEM NO.	2. IIILE OF DATATIE	:IVI			3. SUBTITLE FIRST ART	TCLE				
A018	TEST/INSPECT		EPORT			RO SYSTEM				
4. AUTHORITY (Da <i>DI-NDTI-808</i>	ita Acquisition Documen 109B	nt No.)	5. CONTRACT	REFERENCE		6. REQUIRING OFFICE NSWCCD, Code	e 9232	2		
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16. REMARKS BLOCK 4: The i	First Article Test/Ins	nection	renort shall si	upport all unit in	spections and	NSWCCD Code 9232		1	1	3
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tests detailed in	the PPD that are no	t covere	d in a dedicat	ted test plan or	procedure.					
BLOCK 8: Revi	ew for technical con	tent: Ali	ow 14 calend	ar days for gov	ernment					
review.										***************************************
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agencies and the	ir contractors for Adn	ninistrativ	/e/Operational	use. Other req	uests for					
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BLOCK 12: Subi	mit within 160 days o	f contract	t award.							
BLOCK 13: Cor	ntractor shall incorpo	orate all	government o	comments and	corrections and					
shall resubmit w	rithin 15 days of rece	eipt of co	mments. Go	vernment revie	w maybe					
tailored or delete	d per any such aggre	ement m	ade between	the Government	and					
the Contractor.										
BLOCK 6 and 14	: Naval Surface War	fare Cen	ter, Carderock	Division, Ship	Systems					
Engineering Stati	ion, 5001 South Broa	d St, Co	de 9232, R.Ste	eck,						
Philadelphia PA	19112-5083									
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17. PRICE GROUP 18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST Form Approved (1 Data Item) OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information. including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E. A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY OTHER FIRST ARTICLE TEST TDP. D. SYSTEM/ITEM E. CONTRACT/PR NO. F. CONTRACTOR RO DESALINATION SYSTEM 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE 45 DAY QUALIFICATION TEST 1.200 GPD RO SYSTEM A019 TEST PROCEDURE 4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE DI-NDTI-80603 NSWCCD, Code 9232 7. DD 250 REQ 9. DIST STATEMENT 10. FREQUENCY 12. DATE OF FIRST SUBMISSION DISTRIBUTION 14. DDONE TIME See Blk 16 REQUIRED 8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT b. COPIES SUBMISSION a. ADDRESSEE Draft Final See Blk 16 See Blk 16 Reg Repro 16. REMARKS NSWCCD Code BLOCK 4: The First Article Test Procedure shall support the 45 day qualification test 9232 detailed in the PPD. BLOCK 8: Review for technical content: Allow 14 calendar days for government review. BLOCK 9: Distribution Statement C Applies; Distribution authorized to U.S. Government agencies and their contractors for Administrative/Operational use. Other requests for this document shall be referred to the Government Contracting Officer. BLOCK 12: Submit within 60 days of contract award. BLOCK 13: Contractor shall incorporate all government comments and corrections and shall resubmit within 15 days of receipt of comments. Government review maybe tailored or deleted per any such aggreement made between the Government and the Contractor. BLOCK 6 and 14: Naval Surface Warfare Center, Carderock Division, Ship Systems Engineering Station, 5001 South Broad St, Code 9232, R.Steck, Philadelphia PA 19112-5083 BLOCK 14: The Contractor may use Electronic mail as the media to deliver this data item. The Government will provide Email address upon request.

G. PREPARED BY
H. DATE
I. APPROVED BY
J. Hill

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Page 19 of 31 Pages

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A. CONTRACT LIN	IE ITEM NO.	B. EXHIB									
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test detailed in t	he PPD.										
BLOCK 8: Rev	iew for technical con	tent: All	ow 14 calend	ar days for gover	nment						
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A021	TEST PROCED	OURE				RO SYSTEM						
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	First Article Test Pr	ocedure	shall support	t the external and	internally	9232						
(if required) indu	ced vibration tests	detailed	in the PPD.									
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BLOCK 12: Subn	mit within 80 days of	contract	award.									
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G. PREPARED BY

R. Steck

J. Hill
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I. APPROVED BY

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Page 22 of 31 Pages

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CONTRACT DATA REQUIREMENTS LIST Form Approved (1 Data Item) OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E. A, CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY TDP OTHER FIRST ARTICLE TEST D. SYSTEM/ITEM E. CONTRACT/PR NO. F. CONTRACTOR RO DESALINATION SYSTEM 1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE ELECTROMAGNETIC INTERFERENCE A024 TEST REPORT (EMITR) 1.200 GPD RO SYSTEM 4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE DI-EMCS-80200B NSWCCD, Code 9232 7. DD 250 REQ 9. DIST STATEMENT 10. FREQUENCY 12. DATE OF FIRST SUBMISSION DISTRIBUTION ONE TIME DDREQUIRED See Blk 16 8. APP CODE 13. DATE OF SUBSEQUENT 11. AS OF DATE b. COPIES SUBMISSION a. ADDRESSEE Draft Final See Blk 16 Α See Blk 16 Reg Repro 16. REMARKS NSWCCD Code BLOCK 8: Review for technical content: Allow 14 calendar days for government 9232 review. BLOCK 9: Distribution Statement C Applies; Distribution authorized to U.S. Government agencies and their contractors for Administrative/Operational use. Other requests for this document shall be referred to the Government Contracting Officer. BLOCK 12: Submit within 160 days of contract award. BLOCK 13: Contractor shall incorporate all government comments and corrections and shall resubmit within 15 days of receipt of comments. Government review maybe tailored or deleted per any such aggreement made between the Government and the Contractor. BLOCK 6 and 14: Naval Surface Warfare Center, Carderock Division, Ship Systems Engineering Station, 5001 South Broad St, Code 9232, R.Steck, Philadelphia PA 19112-5083 BLOCK 14: The Contractor may use Electronic mail as the media to deliver this data item. The Government will provide Email address upon request.

17. PRICE GROUP

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G. PREPARED BY

R. Steck

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J. Hill

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CONTRACT DATA REQUIREMENTS LIST

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	NATION SYSTI 2. TITLE OF DATA ITE				3. SUBTITLE					17. PRICE GROUP
		MERCIAL OFF THE SHELF (COTS) 1,200 GPD RO SYSTEM								
A031	MANUAL AND	4SSOC	HATED SU	PP DATA	PRODUCTI	ON UNIT				
4. AUTHORITY (Da DI-TIMSS-80)	ata Acquisition Documer	nt No.)	5. CONTRACT	REFERENCE		6. REQUIRING OFFICE	222			18. ESTIMATED
	9. DIST STATEMENT	10. FREC	<u> </u>	12. DATE OF FIRST	T SUBMISSION	NSWCCD, Code 92				TOTAL PRICE
DD	REQUIRED	See Bi		See Blk 16	. 0051111007071	DIOTAIDOTA	011			
8. APP CODE		11. AS O	F DATE	13. DATE OF SUBS	SEQUENT		b. CO			
	See Blk 16			SUBMISSION See Blk 16		a. ADDRESSEE	Draft	 		
16. REMARKS	Occ Dik 10			Gee Dik 10		NSWCCD Code		Reg	Repro 2	
BLOCK 10, 12,	and 13: Provide tw	vo hard o	opies and tw	o electronic copie	s of the RO	9232				
Technical Manua	al with each product	tion unit	delivered to t	he Government.						
	uals shall ship with th									
			•							
	oution Statement C A									
	ir contractors for Adn		•	•	sts for					
this document sh	all be referred to the	Governm	ent Contracti	ng Officer.						
BLOCK 6 and 14	: Naval Surface War	fare Cen	ter, Carderocl	k Division, Ship Sys	stems					
Engineering Stati	ion, 5001 South Broa	d St, Coo	le 9232, R.St	eck,						
Philadelphia PA	19112-5083					ATTENDED TO THE PARTY OF THE PA				
							_			
						49.00				
									 	
						15. TOTAL		<u> </u>		
G. PREPARED BY	,		H. DATE	I. APPROVED BY			J. DAT	E		
R. Steck		3118		J. Hill						
DD FORM 14	123-1, JUN 90		Previou	s editions are obsolet	te.	Page <u>3</u> 1	<u>1</u> of	<u>31</u>	Pages	